

**Supplementary Table 5.** Age-standardized prevalence<sup>a)</sup> and 95% CI of pain in temporomandibular joint, not elsewhere classified (ICD-10: K07.63) overall and by sex (per 100,000)

Variable	2012		2013		2014		2015		2016	
	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)
All	61,797	126.5 (125.5–127.5)	70,523	143.4 (142.3–144.5)	78,393	158.0 (156.9–159.1)	83,009	167.0 (165.9–168.2)	91,253	180.0 (178.9–181.2)
0–9 years old	551	12.0 (11.0–13.0)	546	12.0 (11.0–13.0)	538	11.8 (10.8–12.8)	612	13.5 (12.4–14.5)	614	13.3 (12.3–14.4)
10–19 years old	11,991	194.2 (190.7–197.7)	13,257	221.6 (217.8–225.4)	14,433	250.4 (246.3–254.5)	14,603	265.9 (261.6–270.2)	15,654	285.8 (281.3–290.3)
20–29 years old	14,918	223.0 (219.4–226.6)	16,904	253.6 (249.8–257.5)	18,653	277.2 (273.2–281.2)	19,819	292.2 (288.2–296.3)	22,648	330.8 (326.5–335.2)
30–39 years old	10,641	129.9 (127.4–132.3)	11,894	147.3 (144.7–150.0)	12,564	158.9 (156.1–161.7)	13,049	167.6 (164.7–170.5)	14,356	187.0 (184.0–190.1)
40–49 years old	8,871	102.7 (100.5–104.8)	10,211	116.7 (114.4–118.9)	11,680	132.8 (130.4–135.2)	12,320	141.1 (138.6–143.6)	13,221	152.0 (149.4–154.6)
50–59 years old	7,294	96.5 (94.3–98.7)	8,639	110.6 (108.3–113.0)	9,896	123.3 (120.9–125.8)	10,724	131.8 (129.3–134.3)	11,578	140.3 (137.8–142.9)
60–69 years old	4,187	101.1 (98.0–104.2)	4,922	114.6 (111.4–117.8)	5,836	128.7 (125.4–132.0)	6,597	135.2 (131.9–138.4)	7,495	144.5 (141.3–147.8)
70–79 years old	2,779	101.9 (98.1–105.7)	3,403	120.1 (116.0–124.1)	3,910	134.4 (130.1–138.6)	4,258	145.5 (141.1–149.8)	4,504	150.4 (146.1–154.8)
Over 80 years	565	59.8 (54.9–64.7)	747	73.1 (67.8–78.3)	883	79.0 (73.8–84.2)	1,027	84.4 (79.3–89.6)	1,183	89.5 (84.4–94.6)
Male	26,413	107.3 (106.0–108.6)	29,925	120.9 (119.5–122.3)	33,617	134.7 (133.2–136.1)	35,657	142.8 (141.3–144.3)	39,735	155.9 (154.3–157.4)
0–9 years old	317	13.4 (11.9–14.8)	287	12.2 (10.8–13.6)	291	12.4 (11.0–13.9)	327	14.0 (12.5–15.5)	335	14.2 (12.7–15.7)
10–19 years old	5,797	178.3 (173.7–182.9)	6,181	196.8 (191.9–201.7)	6,855	227.3 (221.9–232.7)	6,863	239.5 (233.8–245.1)	7,592	266.4 (260.4–272.3)
20–29 years old	6,330	180.8 (176.3–185.2)	7,224	206.1 (201.4–210.9)	8,190	230.4 (225.4–235.4)	8,682	241.7 (236.6–246.8)	10,120	278.9 (273.5–284.4)
30–39 years old	4,152	98.8 (95.8–101.9)	4,715	113.7 (110.4–116.9)	5,034	123.8 (120.4–127.2)	5,247	130.8 (127.3–134.3)	5,900	149.1 (145.3–152.9)
40–49 years old	3,640	82.4 (79.7–85.1)	4,221	94.5 (91.7–97.4)	4,725	105.3 (102.3–108.3)	4,940	110.9 (107.8–114.0)	5,316	120.2 (116.9–123.4)
50–59 years old	3,179	84.0 (81.1–86.9)	3,681	94.0 (91.0–97.1)	4,145	103.1 (100.0–106.2)	4,612	113.1 (109.9–116.4)	4,946	119.2 (115.9–122.6)
60–69 years old	1,805	90.0 (85.9–94.2)	2,102	100.9 (96.6–105.2)	2,552	115.6 (111.1–120.1)	2,939	123.8 (119.3–128.3)	3,326	131.8 (127.4–136.3)
70–79 years old	1,020	87.1 (81.8–92.5)	1,294	105.8 (100.1–111.6)	1,537	121.7 (115.6–127.8)	1,710	133.6 (127.3–139.9)	1,787	135.4 (129.1–141.7)
Over 80 years	173	60.2 (51.2–69.2)	220	69.7 (60.5–79.0)	288	82.2 (72.7–91.7)	337	86.8 (77.5–96.1)	413	96.2 (86.9–105.4)
Female	35,384	145.6 (144.1–147.2)	40,598	165.9 (164.3–167.5)	44,776	181.4 (179.7–183.1)	47,352	191.4 (189.6–193.1)	51,518	204.3 (202.5–206.1)
0–9 years old	234	10.5 (9.15–11.9)	259	11.7 (10.3–13.1)	247	11.2 (9.77–12.6)	285	12.9 (11.4–14.4)	279	12.5 (11.0–13.9)
10–19 years old	6,194	211.8 (206.6–217.1)	7,076	248.9 (243.1–254.7)	7,578	275.7 (269.5–281.9)	7,740	294.8 (288.2–301.4)	8,062	306.8 (300.1–313.5)
20–29 years old	8,588	269.4 (263.7–275.1)	9,680	306.3 (300.2–312.4)	10,463	329.6 (323.3–335.9)	11,137	349.2 (342.7–355.7)	12,528	389.4 (382.6–396.2)
30–39 years old	6,489	162.5 (158.5–166.4)	7,179	182.8 (178.6–187.0)	7,530	196.0 (191.6–200.4)	7,802	206.7 (202.2–211.3)	8,456	227.5 (222.7–232.4)
40–49 years old	5,231	123.9 (120.5–127.2)	5,990	139.7 (136.1–143.2)	6,955	161.3 (157.5–165.1)	7,380	172.5 (168.5–176.4)	7,905	185.0 (180.9–189.1)
50–59 years old	4,115	109.0 (105.7–112.3)	4,958	127.3 (123.8–130.8)	5,751	143.7 (139.9–147.4)	6,112	150.6 (146.8–154.4)	6,632	161.7 (157.8–165.6)
60–69 years old	2,382	111.5 (107.0–116.0)	2,820	127.6 (122.9–132.3)	3,284	141.2 (136.4–146.0)	3,658	145.9 (141.2–150.7)	4,169	156.6 (151.8–161.3)
70–79 years old	1,759	113.0 (107.7–118.3)	2,109	130.9 (125.3–136.5)	2,373	144.0 (138.2–149.8)	2,548	154.6 (148.6–160.6)	2,717	162.3 (156.2–168.4)
Over 80 years	392	59.6 (53.7–65.5)	527	74.5 (68.1–80.8)	595	77.5 (71.3–83.7)	690	83.3 (77.1–89.6)	770	86.2 (80.1–92.3)

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Supplementary Table 5. Continued

2017		2018		2019		2020	
No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)	No.	Prevalence (95% CI)
94,674	188.1 (186.9–189.3)	96,294	190.6 (189.4–191.8)	100,897	197.8 (196.6–199.0)	105,415	207.3 (206.0–208.5)
632	14.3 (13.2–15.5)	576	13.5 (12.4–14.6)	540	13.0 (11.9–14.1)	516	13.0 (11.9–14.1)
14,545	283.7 (279.1–288.3)	14,342	288.4 (283.7–293.1)	14,218	294.8 (289.9–299.6)	14,278	305.7 (300.7–310.7)
23,551	341.7 (337.3–346.0)	24,663	357.1 (352.7–361.6)	25,385	365.9 (361.4–370.4)	27,844	403.6 (398.8–408.3)
15,049	199.7 (196.5–202.9)	15,129	202.9 (199.7–206.2)	15,537	211.9 (208.6–215.2)	16,111	225.8 (222.3–229.3)
13,871	160.8 (158.1–163.4)	13,739	162.8 (160.0–165.5)	14,483	172.3 (169.5–175.1)	14,703	176.5 (173.6–179.4)
12,339	148.2 (145.6–150.8)	12,432	146.7 (144.1–149.3)	13,331	155.2 (152.6–157.8)	13,732	160.1 (157.5–162.8)
8,376	153.1 (149.8–156.4)	8,692	150.8 (147.6–154.0)	9,882	161.0 (157.9–164.2)	10,537	160.7 (157.6–163.8)
4,960	158.2 (153.8–162.7)	5,215	160.4 (156.0–164.7)	5,755	171.9 (167.4–176.3)	5,904	171.4 (167.0–175.7)
1,351	94.5 (89.5–99.6)	1,506	98.0 (93.0–103.0)	1,766	105.9 (101.0–110.8)	1,790	100.9 (96.2–105.6)
41,459	164.0 (162.4–165.5)	42,071	166.0 (164.4–167.5)	44,217	172.5 (170.9–174.1)	46,012	180.4 (178.7–182.0)
324	14.3 (12.8–15.9)	304	13.8 (12.3–15.4)	316	14.8 (13.2–16.5)	258	12.7 (11.1–14.2)
7,221	270.7 (264.4–276.9)	7,066	273.7 (267.3–280.1)	7,060	282.4 (275.8–289.0)	6,816	282.1 (275.4–288.7)
10,857	297.3 (291.7–302.9)	11,321	309.4 (303.7–315.1)	11,872	322.7 (316.9–328.5)	12,746	349.6 (343.6–355.7)
6,265	161.0 (157.0–165.0)	6,338	164.6 (160.5–168.6)	6,464	169.7 (165.6–173.9)	6,800	183.0 (178.7–187.4)
5,469	124.5 (121.2–127.8)	5,377	124.8 (121.5–128.2)	5,610	130.6 (127.1–134.0)	5,817	136.6 (133.1–140.1)
5,206	124.7 (121.3–128.0)	5,157	121.5 (118.2–124.8)	5,518	128.1 (124.7–131.4)	5,814	134.8 (131.3–138.3)
3,632	136.1 (131.7–140.6)	3,805	135.3 (131.0–139.6)	4,324	144.5 (140.2–148.8)	4,597	144.0 (139.8–148.1)
2,025	145.4 (139.1–151.7)	2,150	147.6 (141.4–153.8)	2,420	160.2 (153.8–166.5)	2,504	160.1 (153.8–166.4)
460	97.4 (88.5–106.3)	553	107.3 (98.3–116.2)	633	111.3 (102.7–120.0)	660	107.9 (99.7–116.1)
53,215	212.3 (210.5–214.1)	54,223	215.4 (213.5–217.2)	56,680	223.3 (221.4–225.1)	59,403	234.4 (232.5–236.3)
308	14.4 (12.8–16.0)	272	13.1 (11.5–14.6)	224	11.1 (9.62–12.5)	258	13.3 (11.7–15.0)
7,324	297.8 (291.0–304.6)	7,276	304.3 (297.3–311.3)	7,158	308.0 (300.9–315.2)	7,462	331.0 (323.5–338.6)
12,694	391.7 (384.9–398.5)	13,342	411.0 (404.0–418.0)	13,513	414.7 (407.7–421.7)	15,098	464.0 (456.6–471.4)
8,784	241.1 (236.0–246.1)	8,791	243.9 (238.8–249.0)	9,073	257.4 (252.2–262.7)	9,311	272.2 (266.7–277.7)
8,402	198.4 (194.1–202.6)	8,362	202.2 (197.9–206.6)	8,873	215.8 (211.3–220.3)	8,886	218.2 (213.6–222.7)
7,133	171.8 (167.8–175.8)	7,275	172.0 (168.0–175.9)	7,813	182.5 (178.4–186.5)	7,918	185.7 (181.6–189.8)
4,744	169.2 (164.4–174.0)	4,887	165.5 (160.9–170.2)	5,558	176.7 (172.1–181.4)	5,940	176.6 (172.1–181.0)
2,935	168.5 (162.4–174.6)	3,065	170.8 (164.7–176.8)	3,335	181.5 (175.3–187.6)	3,400	180.7 (174.6–186.8)
891	93.0 (86.9–99.1)	953	93.3 (87.4–99.2)	1,133	103.0 (97.0–109.0)	1,130	97.3 (91.6–103.0)

CI, confidence interval; ICD-10, International Classification of Diseases 10th Revision.

<sup>a)</sup>Age-standardized prevalence rates of pain in temporomandibular joint, not elsewhere classified (ICD-10: K07.63) were calculated using age groups according to the direct method using the estimated Korean population in 2020 as a reference.